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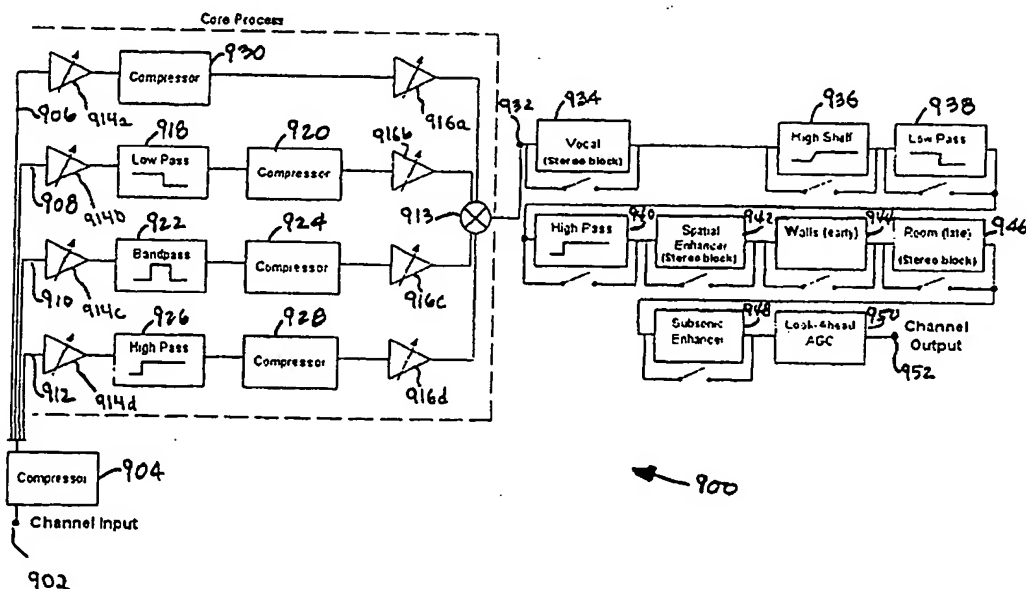
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(54) Title: ACOUSTICAL VIRTUAL REALITY ENGINE AND ADVANCED TECHNIQUES FOR ENHANCING DELIVERED SOUND



(57) **Abstract:** Techniques and systems for enhancing delivered audio signals are disclosed which may be employed in a delivery system at a server side, a client side, or both. The techniques include forming a processed audio signal by processing audio signals through multiple pathways which operate on different frequency bands using dynamic processing and other elements, and thereafter providing recording or listening environment enhancements and other sound enhancements to the processed audio signal. Also disclosed are techniques and systems for implementing the multi-pathway processing and environmental and sound enhancements.

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